

USAF Declass/Release Instructions On File

AMENDMENT A

to

ENGINEERING REPORT NO.: 5845

TITLE: Annual Field Service Report

Calendar year 1960

COPY NO.: 7 DATE: Nov. 1, 1961

PREPARED FOR: Customer No. I

25X1A

[REDACTED]

Project Engineer

25X1A

[REDACTED]

During this 8½ month period, there were various areas of definite improvement.

1.) The supply system was consolidated into one source. We now operate through only one warehouse. The contractor and our field technicians have noticed a great improvement in logistics, and expediting rush items. Wherever possible, common items are used and all items deployed as necessary.

2.) Based on urgent requests from our Technical Representatives, and supply personnel, the MK IA Tracker and Driftsight drawings were reviewed, corrected where necessary, and four complete working sets sent to the warehouse for distribution.

3.) A Tool Kit list, 522-0133, was compiled and sent to the field, where the kit was accumulated. Now each area has its own complete tool kit.

4.) After a thorough study and evaluation we decided to call back all 501-0060 Scan Motors and initiate tighter controls. Besides stricter inspection procedures and requirements, each will have a serial number and will be individually packaged per MIL spec.

5.) A Metal Shipping Container, 522-0120, has been designed. This water-tight container is easily transported and can be used for storage, moving and shipping.

6.) Due to the consolidation of supply, we are constantly trying to increase the interchangeability of MK I & MK II components i.e. S/B T-23, Interchangeability of the MK I and MK II Dome Assemblies.

7.) The 500-0010 B, Instructions for Nitrogen Flushing Kit was reviewed, corrected and reissued. This kit is now being used by all areas.

8.) A complete Test Equipment Kit, 522-0126, was sent to the field. This kit includes an electrical test box, a material gage, 522-0149, and a scan clutch adjustment gage, 522-0137.

9.) A new timer unit for the MK IA Tracker has been designed.

10.) Numerous small hand tools, gages, repair kits, and fixtures were modified and improved, e.g. prism gage 522-0152, clutch adjustment kit 522-0137, gear box repair kit, 522-0130.

Our Maintenance and Overhaul facilities were quite active. During this 8½ month period, seven (7) Driftsights and ten (10) MK IA Trackers, plus numerous components, e.g. motors, spools were repaired. All fifteen (15) MK IA Trackers, including S/N 15 and 20 have been turned-around.

Our men and equipment again showed an improvement in reliability along with increased activity. (Refer Exhibit IA) At times they performed their duties under very difficult and unusual circumstances. It is encouraging to state that all four Technical Representatives have or intend to sign up a 2nd year, and will remain another year at their present stations.

EXHIBIT 1ATRACKER PERFORMANCE RECORDFROM JANUARY 1, 1961 THROUGH SEPTEMBER 12, 1961

	<u>DET. G.</u> <u>Headquarters Missions</u>	<u>DET. G.</u> <u>All Missions</u>	<u>DET. H.</u> <u>All Missions</u>
Total	33	93	84
Malfunctioned	0	1	5
Reliability	100%	99%	94%
Footage Scheduled	26,880	54,600	37,569
Footage Completed	26,880	54,195	35,936